

Cost-Benefit analysis for an investment of \$1 million dollars in a toilet retrofit incentive vs. the Water Smart Landscape Program		
	Toilet Retrofit Program	Landscape Conversion
Initial Investment (\$)	\$ 1,000,000	\$ 1,000,000
Avg. Retrofit cost per household	\$ 400	\$ 1,801
Households served	2,500	555
Annual Gallons Demand Reduction per household	10744	68411
Total Annual Gallons Project demand reduction	26,860,000	37,968,105
Consumptive reduction (acre feet)	4	117
Jobs sustained or created	17	54
kWh of energy avoided annually for water treatment and delivery	197,690	246,902
CO2 discharge avoided annually	213,505	266,654

Compared to toilet retrofits, Landscape retrofits:

- Produce 41 percent more water savings per dollar invested
- Create 117 acre feet of consumptive demand reduction per \$1M while toilet programs produce almost none<sup>1</sup>.
- Are 29 percent less costly per unit of demand reduction
- Create 3.3 times more jobs
- Produce 25 percent more system energy savings
- Reduce CO2 discharge by 25 percent more

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<sup>1</sup> For the purpose of this analysis, five percent of savings from toilets were estimated unrecoverable for reuse due to loss in the conveyance and treatment process.